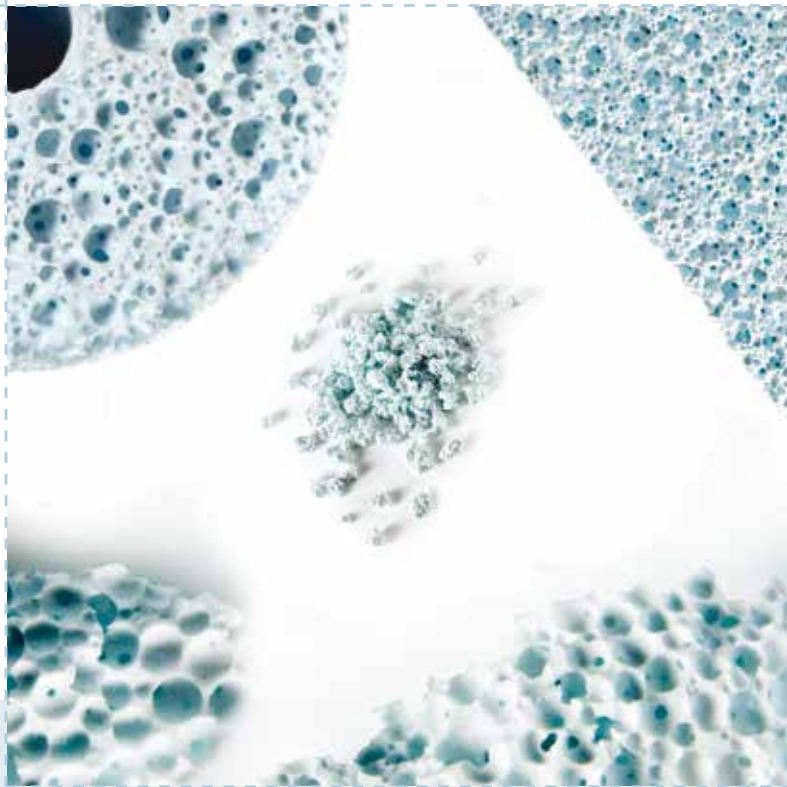


ENGIPORE



Pre-formed Bone Substitute



Finceramica
regenerative surgery

Ideal biomimetic architecture

ENGIpore is an innovative porous hydroxyapatite-based biomaterial that features a trabecular structure similar to that of natural bone.

It is a biomimetic, ready-for-use, and disease-transmission-free bone substitute manufactured according to the highest quality standards.

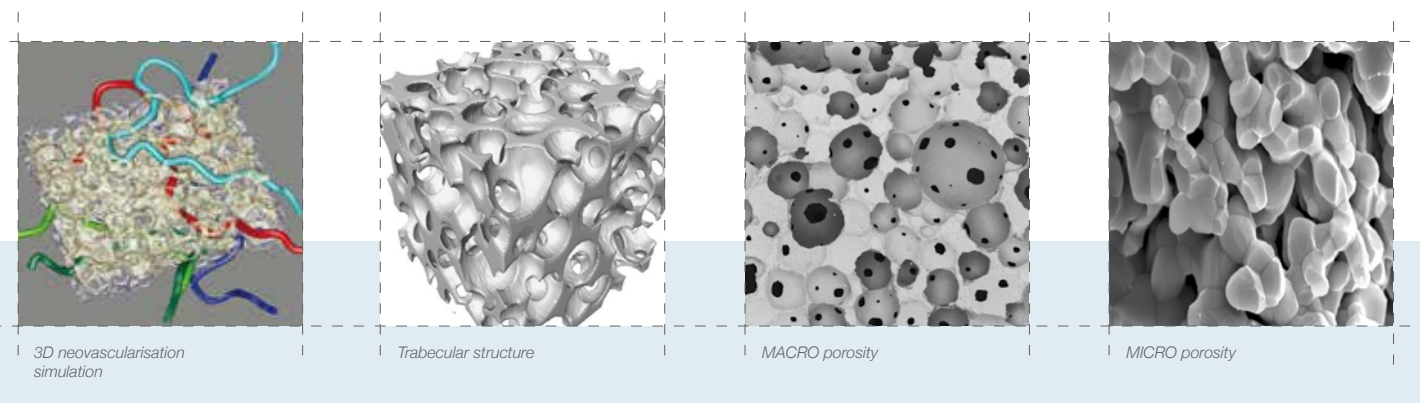
ENGIpore is available in various shapes and sizes to meet any clinical requirement.

Highly porous

Osseointegration and ossification are ensured by ENGIpore's structure with controlled macro- and micro-porosity and pore interconnection size.

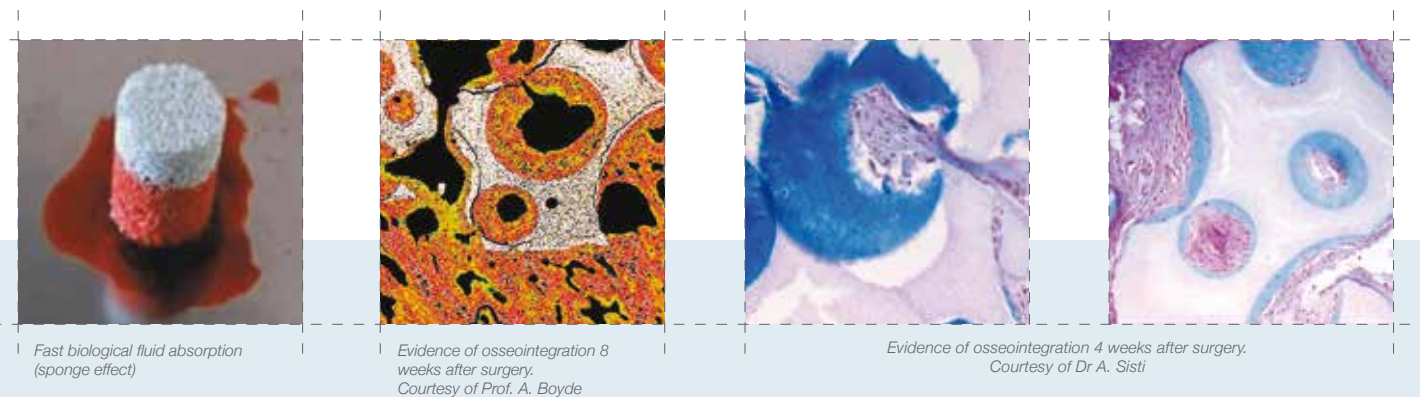
ENGIpore's overall porosity can reach a value of up to 90%, thereby promoting fast absorption of biological fluids and signal molecules, as well as rapid cell colonisation, which is essential for successful bone regeneration.

Despite its high porosity, ENGIpore can withstand compression loads just as cancellous bones.



Fast osseointegration

Once in situ, ENGIpore quickly absorbs the bioactive proteins, growth factors, and undifferentiated cells contained in biological fluids. All these elements are indispensable for fast and effective bone regeneration.



VARIOUS SHAPES AND SIZES FOR DIFFERENT CLINICAL REQUIREMENTS

A POROUS MATRIX THAT GUIDES THE BONE REGENERATION

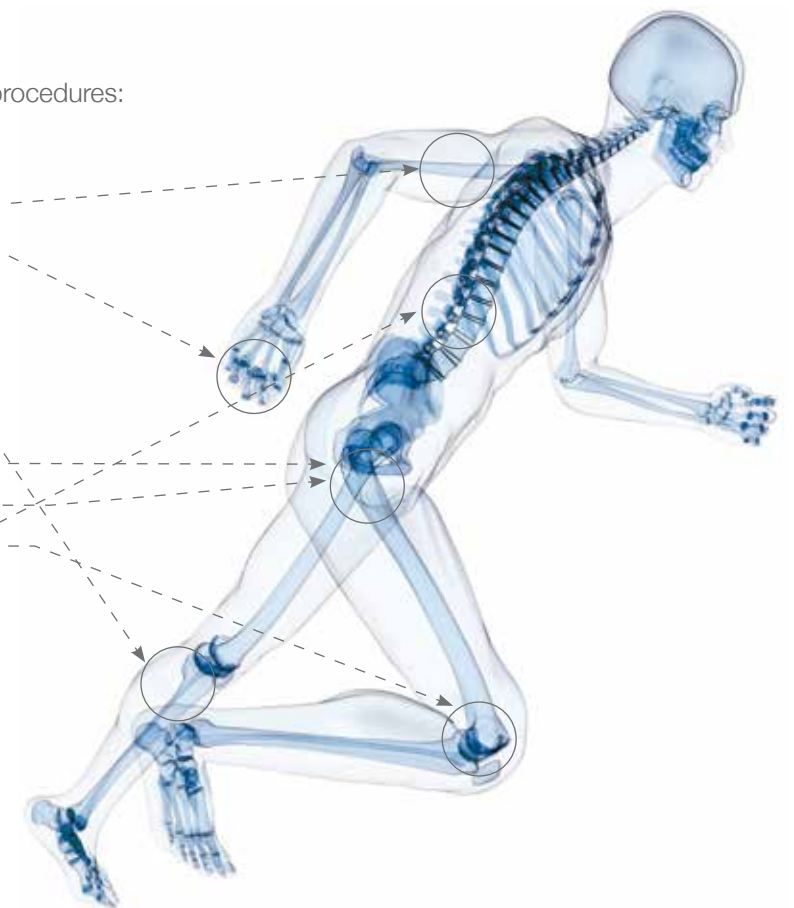
AN OPTIMAL COMPROMISE BETWEEN BONE INTEGRATION AND MECHANICAL PROPERTIES

LONG-LASTING BONE INTEGRATION

Clinical applications

ENGIpore is designed to be used in several surgical procedures:

- **Traumatology**
 - _ Proximal humerus fracture
 - _ Hand and foot fractures
- **Open-wedge osteotomy**
- **Revision arthroplasty**
 - _ Femoral stem revision
 - _ Acetabular bed consolidation
 - _ Knee revision
- **Spinal surgery**
 - _ Spinal arthrodesis



ENGIpore is intended to be used to fill bone gaps and voids. It cannot replace standard procedures for the treatment of bone defects. Moreover, it must be used with appropriate mechanical stabilisation and internal fixation devices.



ENGIPORE

Shapes and Sizes



ENGIPORE CHIPS ORTHO

CODE

1.0 - 2.5 mm - 5 cc	PFS015005-40-00
1.0 - 2.5 mm - 15 cc	PFS015005-41-00
2.5 - 4.0 mm - 5 cc	PFS015005-50-00
2.5 - 4.0 mm - 15 cc	PFS015005-51-00
2.5 - 4.0 mm - 30 cc	PFS015005-52-00



ENGIPORE CHIPS SPINE

CODE

1.0 - 2.5 mm - 5 cc	PFS015009-01-00
1.0 - 2.5 mm - 15 cc	PFS015009-02-00
2.5 - 4.0 mm - 5 cc	PFS015009-03-00
2.5 - 4.0 mm - 15 cc	PFS015009-04-00



ENGIPORE BLOCKS

CODE

10x10x12 mm	PFS015005-21-00
20x10x12 mm	PFS015005-22-00
30x20x12 mm	PFS015005-23-00
40x20x12 mm	PFS015005-24-00



ENGIPORE HOLLOW CYLINDERS

CODE

ED=12mm ID=3mm h=40mm	PFS015008-01-00
ED=15mm ID=3mm h=40mm	PFS015008-02-00
ED=18mm ID=3mm h=40mm	PFS015008-03-00



ENGIPORE WEDGES

CODE

40x30 mm, incl. 11° (h 10.5 mm)	PFS015005-30-00
40x30 mm, incl. 15° (h 13.5 mm)	PFS015005-31-00
40x30 mm, incl. 19° (h 16.5 mm)	PFS015005-32-00
30x15 mm, incl. 9° - 2 Pcs. (h 7.5 mm)	PFS015006-25-00
30x15 mm, incl. 11° - 2 Pcs. (h 8.5 mm)	PFS015006-19-00
30x15 mm, incl. 15° - 2 Pcs. (h 10.5 mm)	PFS015006-20-00



ENGIPORE SH

CODE

SH-Small 38 x 25 x 17-13 mm	PFS015005-77-00
SH-Medium 41 x 28 x 18-14 mm	PFS015005-76-00
SH-Large 45 x 30 x 20-15 mm	PFS015005-75-00

● Chips



● Wedges



● Blocks



● Hollow cylinders



● SH



Finceramica
regenerative surgery

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